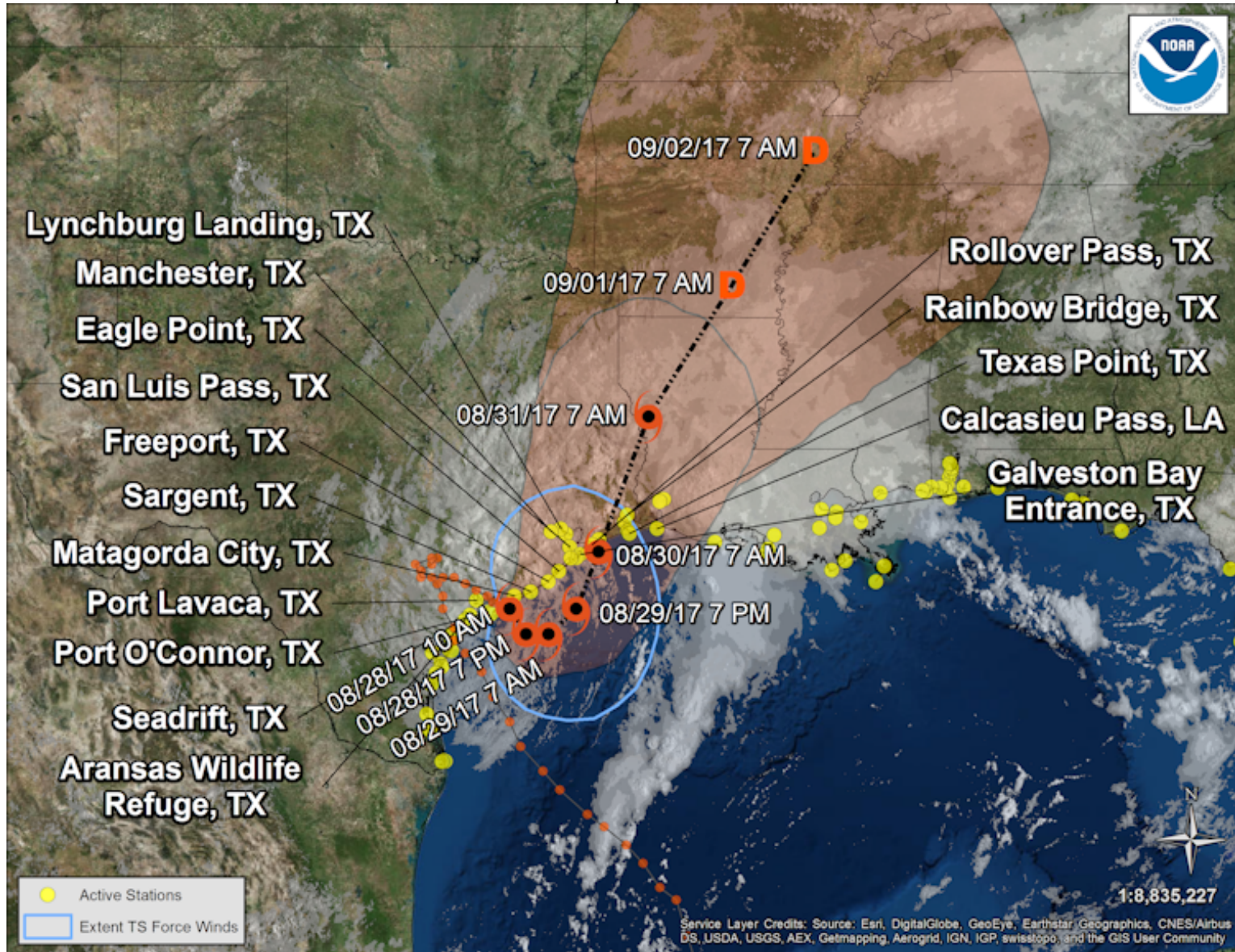


Tropical Storm HARVEY QuickLook Posted: 11:00 CDT 08/28/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 8/28/2017 01100 CDT, water levels from central Texas to western Louisiana remain elevated by 1 to 8 feet. The highest water levels are being observed in Galveston Bay and the surrounding waterways, ranging from 2.5 to 8.0 feet above normal tide levels. Elsewhere, water levels are steady or have dropped significantly.

Water levels in bays and associated waterways may include impacts from hydrological forces, including rainfall runoff. For additional hydrological information see the [NWS Advanced Hydrologic Prediction Services](#) or your local [National Weather Service Forecast Office](#).

Wind speeds are steady or dropping as Harvey slowly moves back towards the coast. Most locations are measuring speeds between 10 to 20 kts knots with gusts between 20 and 30 kts. Barometric pressure is dropping along the coast as Harvey slowly moves in that direction.

Water Level and Meteorological plots available below are updated automatically. A line denoting [Mean Higher High Water](#) (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: ADM

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

Tropical Storm Harvey Advisory Number 33
NWS National Hurricane Center Miami FL
1000 AM CDT Mon Aug 28 2017

...CENTER OF HARVEY MOVING SLOWLY SOUTHEASTWARD NEAR THE TEXAS COAST...
...LIFE-THREATENING FLOODING CONTINUES OVER SOUTHEASTERN TEXAS...
...DO NOT ATTEMPT TO TRAVEL IN THE AFFECTED AREAS IF YOU ARE IN A SAFE PLACE AND DO NOT DRIVE INTO FLOODED ROADWAYS...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

A Tropical Storm Warning has been issued east of High Island, Texas, to Cameron, Louisiana.

A Tropical Storm Watch has been issued east of Cameron to Intracoastal City, Louisiana.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

* Mesquite Bay to Cameron

A Tropical Storm Watch is in effect for...

* East of Cameron to Intracoastal City

Catastrophic and life-threatening flooding continues in southeastern Texas. Please see warnings and other products issued by your local National Weather Service office for additional information on this life-threatening situation.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area within 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, generally within 48 hours.

Interests elsewhere along the middle and upper Texas coast and in southern Louisiana should continue to monitor the progress of Harvey.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 1000 AM CDT, the center of Tropical Storm Harvey was located . Harvey is about 25 MI ENE of Port O'Connor, Texas moving toward the southeast near 5 mph, and a slow motion toward the southeast is expected through tonight. A gradual turn toward the northeast and a continued slow forward speed are expected Tuesday and Tuesday night. On the forecast track, the center of Harvey is expected to be just offshore of the middle and upper coasts of Texas through Tuesday night.

Maximum sustained winds are near 40 mph with higher gusts.
Some slow intensification is possible during the next 48 hours.

Tropical-storm-force winds extend outward up to 175 miles mainly to the east of the center.

The minimum central pressure estimated from surface observations along the Texas coast is 997 mb.

HAZARDS AFFECTING LAND

RAINFALL: Harvey is expected to produce additional rainfall accumulations of 15 to 25 inches through Friday over the upper Texas coast and into southwestern Louisiana. Isolated storm totals may reach 50 inches over the upper Texas coast, including the Houston/Galveston metropolitan area. These rains are currently producing catastrophic and life-threatening flooding over large portions of southeastern Texas. **DO NOT ATTEMPT TO TRAVEL IN THE AFFECTED AREA IF YOU ARE IN A SAFE PLACE. DO NOT DRIVE INTO FLOODED ROADWAYS.** Please see warnings and products issued by your local National Weather Service office for additional information on this life-threatening situation.

Elsewhere, Harvey is expected to produce total rain accumulations of 5 to 15 inches farther south into the middle Texas coast and farther east across south-central Louisiana. Rainfall amounts of 5 to 10 inches are expected in southeast Louisiana.

A list of rainfall observations compiled by the NOAA Weather Prediction Center can be found at:
www.wpc.ncep.noaa.gov/discussions/nfdsccl.html

STORM SURGE: The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water is expected to reach the following heights above ground if the peak surge occurs at the time of high tide...

Port Aransas to Morgan City including Galveston Bay...1 to 3 ft

The deepest water will occur along the immediate coast near the area of onshore winds. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

WIND: Tropical storm conditions are occurring in rain bands well to the east of the center of Harvey, including portions of the tropical storm warning area along the coast. Tropical storm conditions are likely to persist in areas of onshore winds within the warning area during the next couple of days, and are possible in the watch area by Wednesday.

SURF: Swells generated by Harvey are affecting the coasts of Texas and Louisiana. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

TORNADOES: A few tornadoes are possible today and tonight from extreme southeast Texas across parts of southern Louisiana.

NEXT ADVISORY

Next intermediate advisory at 100 PM CDT.

Next complete advisory at 400 PM CDT.

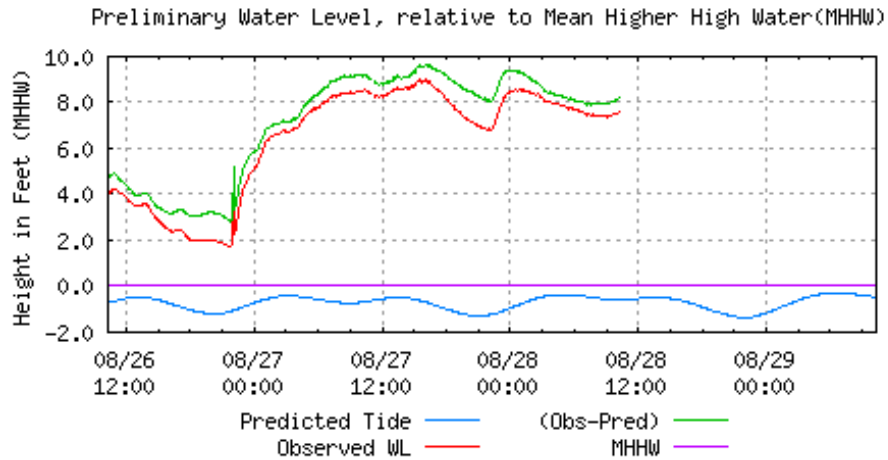
\$\$

Forecaster Beven

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Manchester - Water Level](#), [Manchester - Winds](#), [Manchester - Barometric](#), [Lynchburg Landing - Water Level](#), [Lynchburg Landing - Winds](#), [Eagle Point - Water Level](#), [Eagle Point - Winds](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [Rollover Pass - Water Level](#), [Rollover Pass - Winds](#), [Rainbow Bridge - Water Level](#), [Texas Point, Sabine Pass - Water Level](#), [Texas Point, Sabine Pass - Winds](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [San Luis Pass - Water Level](#), [San Luis Pass - Winds](#), [Freeport - Water Level](#), [Freeport - Winds](#), [Sargent - Water Level](#), [Sargent - Winds](#), [Matagorda City - Water Level](#), [Matagorda City - Winds](#), [Matagorda City - Barometric](#), [Port O'Connor - Water Level](#), [Port O'Connor - Winds](#), [Port Lavaca - Water Level](#), [Port Lavaca - Winds](#), [Seadrift - Water Level](#), [Seadrift - Winds](#), [Aransas Wildlife Refuge - Water Level](#), [Aransas Wildlife Refuge - Winds](#)

NOAA/NOS/CO-OPS 8770777 Manchester, TX



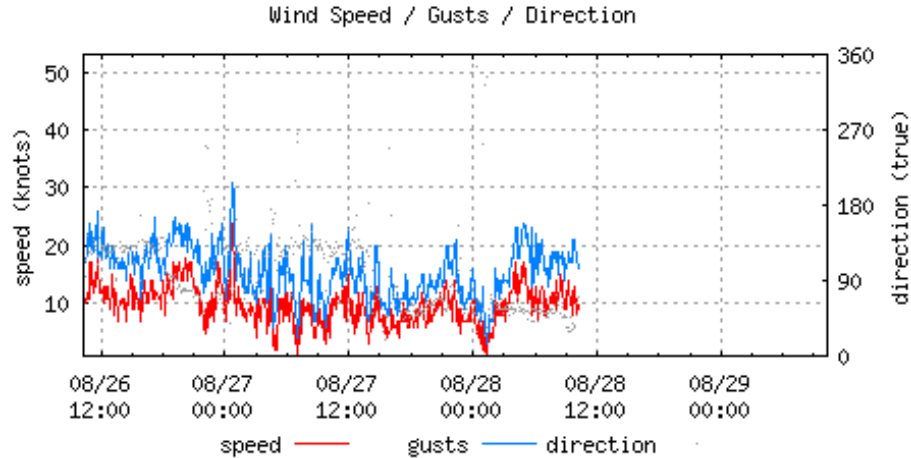
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 7.62 ft. Predicted: -0.58 ft. Residual: 8.20 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 13:43 (CDT), -0.48 ft.

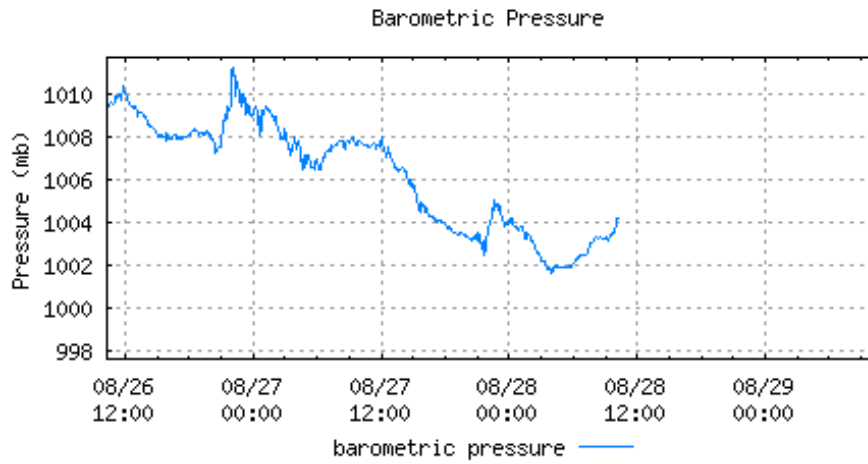
NOAA/NOS/CO-OPS 8770777 Manchester, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 9 knots Gusts: 16 knots Direction: 70° T

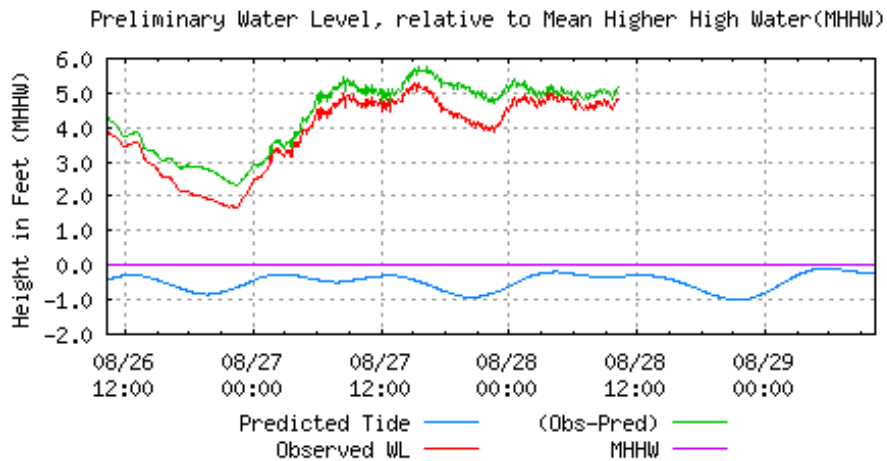
NOAA/NOS/CO-OPS 8770777 Manchester, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Barometric Pressure: 1004.2 mb

NOAA/NOS/CO-OPS 8770733 Lynchburg Landing, TX



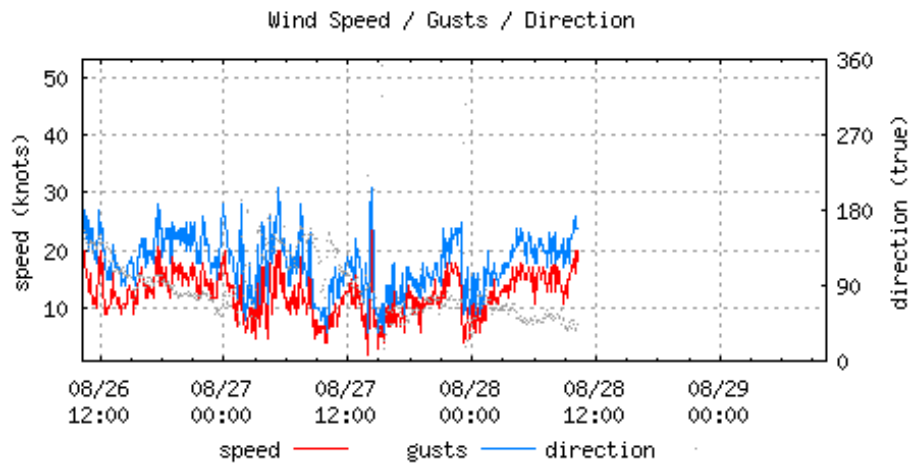
Last Observed Sample: 08/28/2017 10:18 (CDT). Data relative to MHHW

Observed: 4.70 ft. Predicted: -0.32 ft. Residual: 5.02 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 12:35 (CDT), -0.30 ft.

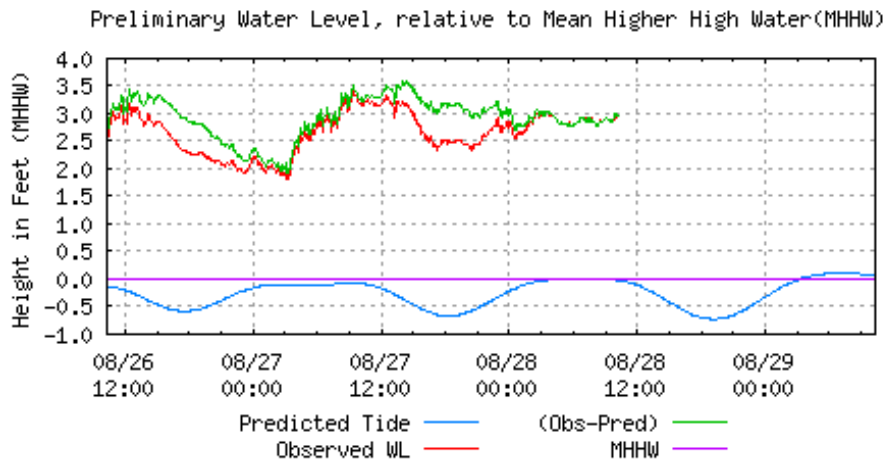
NOAA/NOS/CO-OPS 8770733 Lynchburg Landing, TX



Last Observed Sample: 08/28/2017 10:18 (CDT)

Wind Speed: 18 knots Gusts: 24 knots Direction: 38° T

NOAA/NOS/CO-OPS 8771013 Eagle Point, TX



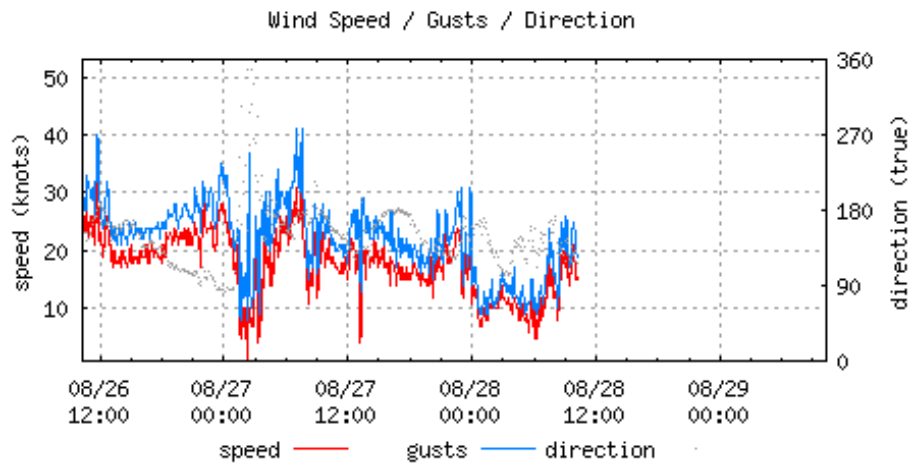
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 2.95 ft. Predicted: -0.02 ft. Residual: 2.97 ft.

Historical Maximum Water Level: Sep 13 2008, 10.76 ft.

Next High Tide: 08/29/2017 07:08 (CDT), 0.11 ft.

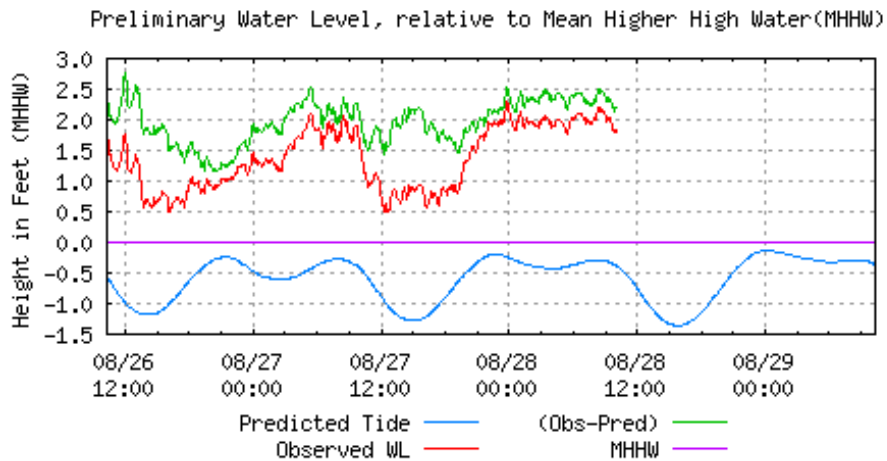
NOAA/NOS/CO-OPS 8771013 Eagle Point, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 15 knots Gusts: 19 knots Direction: 116° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



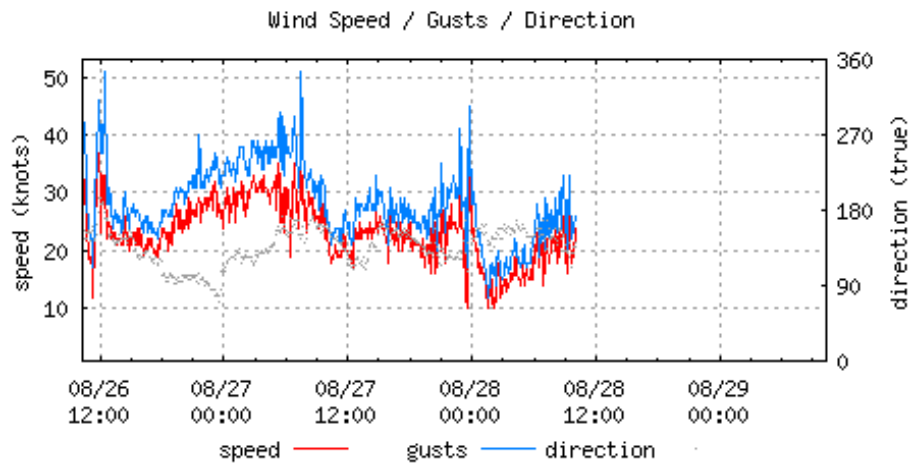
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 1.84 ft. Predicted: -0.40 ft. Residual: 2.24 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

Next High Tide: 08/29/2017 00:12 (CDT), -0.14 ft.

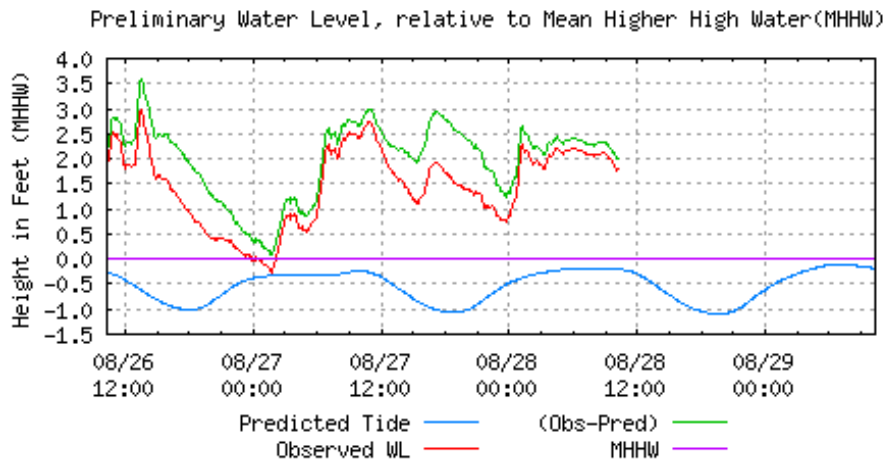
NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 20 knots Gusts: 28 knots Direction: 134° T

NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX



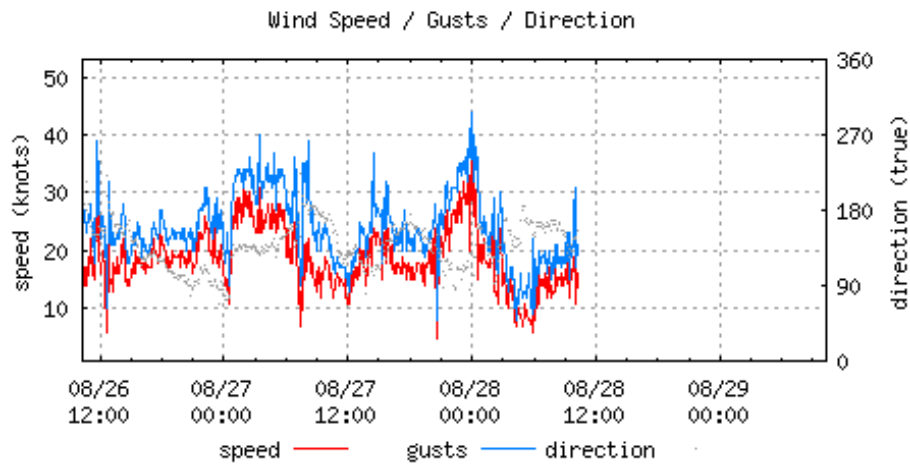
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 1.80 ft. Predicted: -0.22 ft. Residual: 2.02 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/29/2017 06:59 (CDT), -0.11 ft.

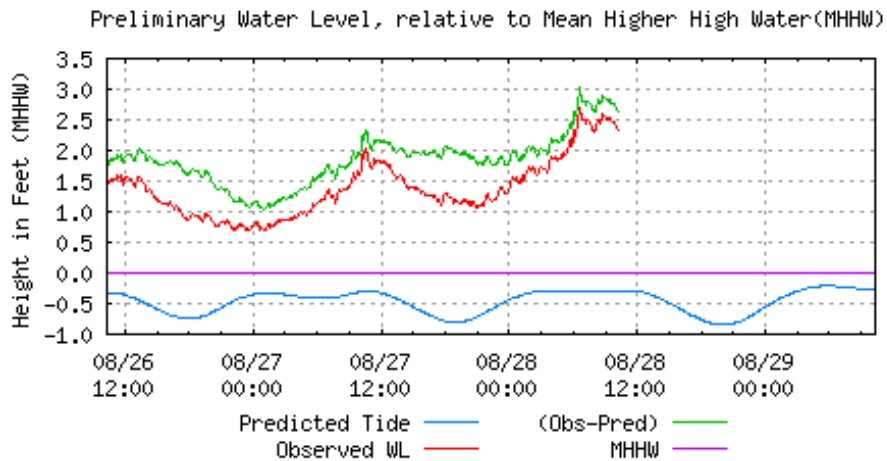
NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 156° T

NOAA/NOS/CO-OPS 8770520 Rainbow Bridge, TX



Last Observed Sample: 08/28/2017 10:18 (CDT). Data relative to MHHW

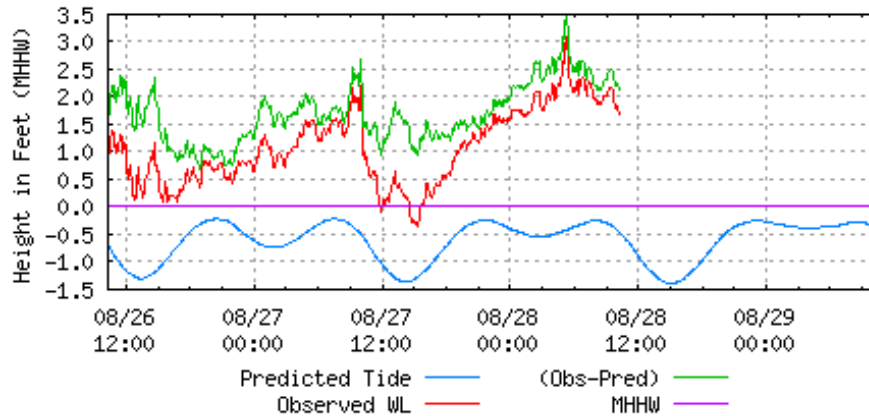
Observed: 2.35 ft. Predicted: -0.29 ft. Residual: 2.64 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 10:55 (CDT), -0.28 ft.

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/28/2017 10:18 (CDT). Data relative to MHHW

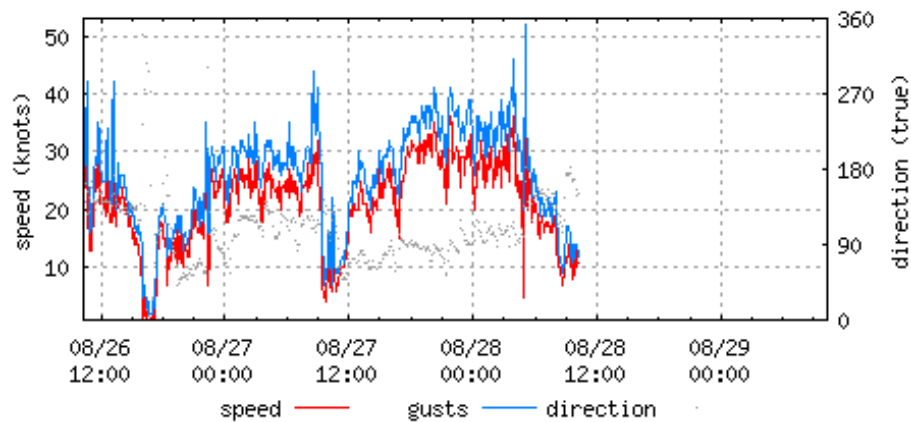
Observed: 1.58 ft. Predicted: -0.47 ft. Residual: 2.05 ft.

Historical Maximum Water Level: Mar 20 2012, 1.91 ft.

Next High Tide: 08/28/2017 23:09 (CDT), -0.26 ft.

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

Wind Speed / Gusts / Direction

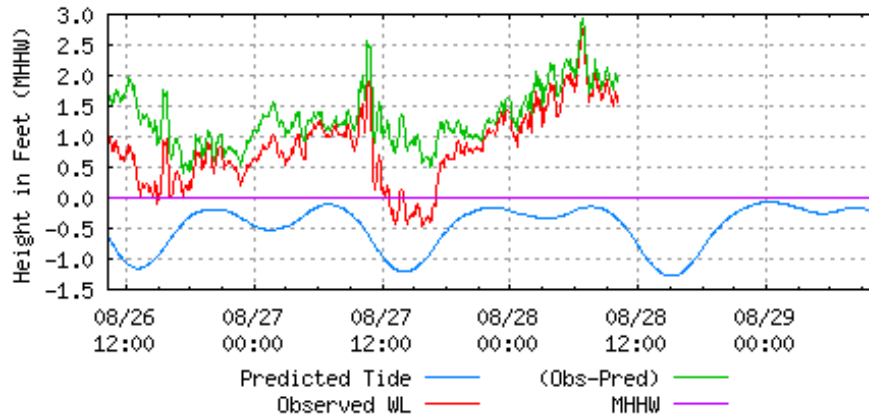


Last Observed Sample: 08/28/2017 10:18 (CDT)

Wind Speed: 12 knots Gusts: 14 knots Direction: 147° T

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

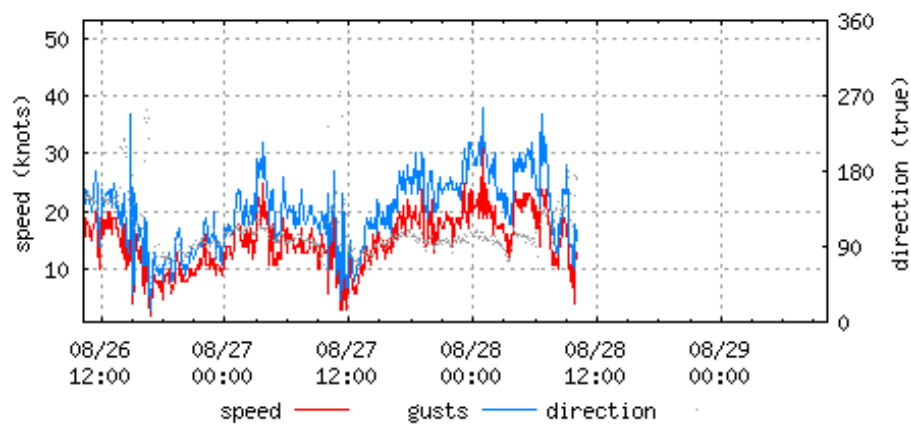
Observed: 1.52 ft. Predicted: -0.36 ft. Residual: 1.88 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 08/29/2017 00:15 (CDT), -0.08 ft.

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Wind Speed / Gusts / Direction

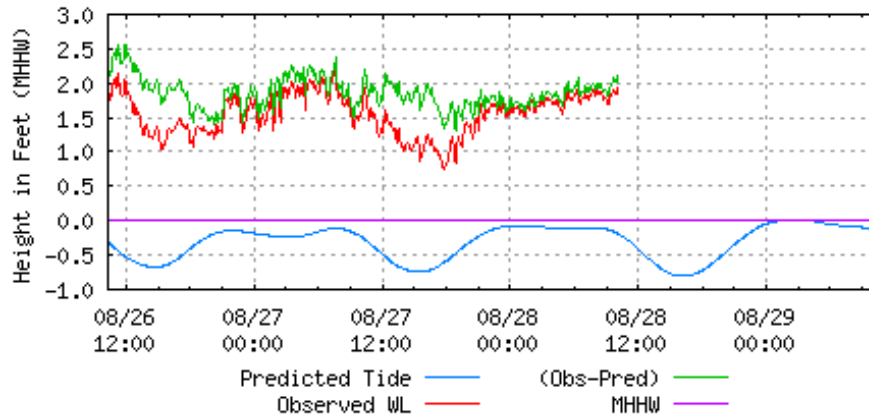


Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 214° T

NOAA/NOS/CO-OPS 8771972 San Luis Pass, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/28/2017 10:18 (CDT). Data relative to MHHW

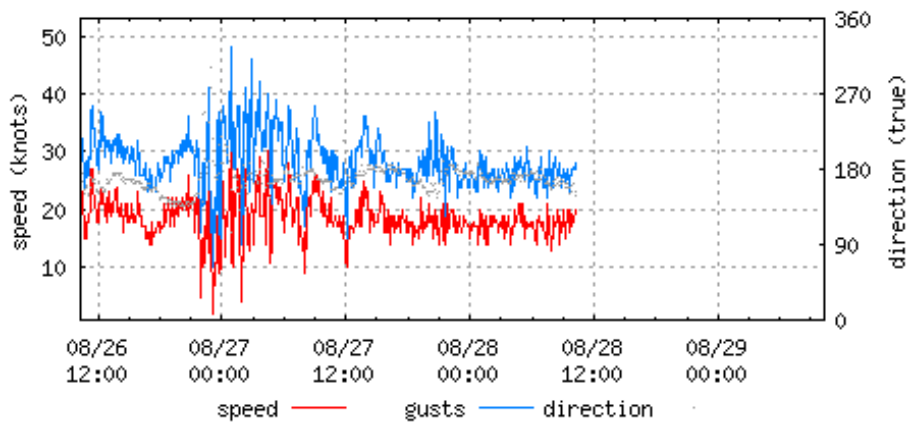
Observed: 1.84 ft. Predicted: -0.19 ft. Residual: 2.03 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/29/2017 02:58 (CDT), 0.01 ft.

NOAA/NOS/CO-OPS 8771972 San Luis Pass, TX

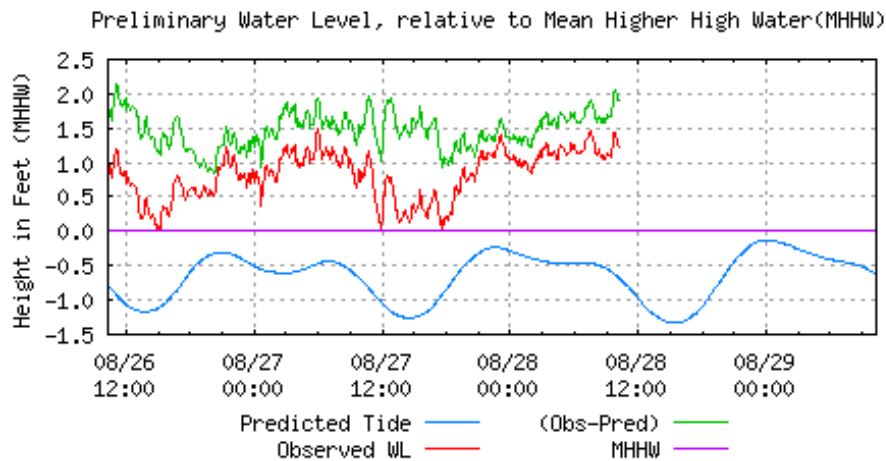
Wind Speed / Gusts / Direction



Last Observed Sample: 08/28/2017 10:18 (CDT)

Wind Speed: 20 knots Gusts: 27 knots Direction: 154° T

NOAA/NOS/CO-OPS 8772447 Freeport, TX



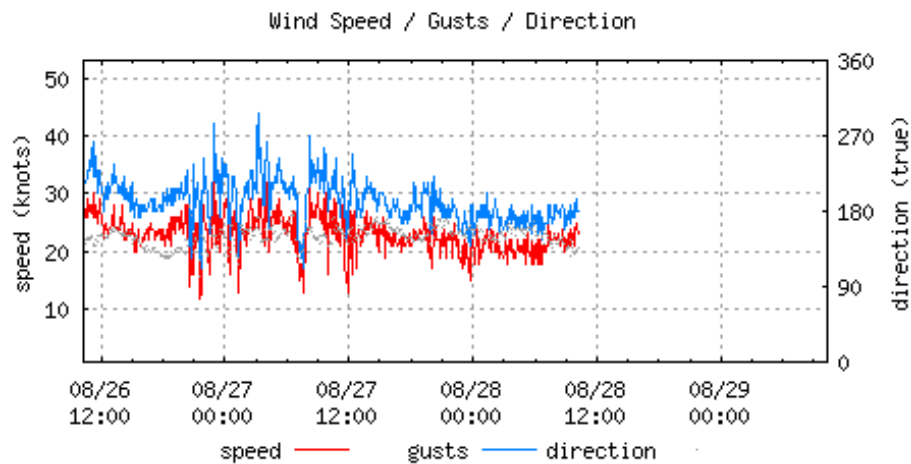
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 1.23 ft. Predicted: -0.68 ft. Residual: 1.91 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

Next High Tide: 08/29/2017 00:03 (CDT), -0.13 ft.

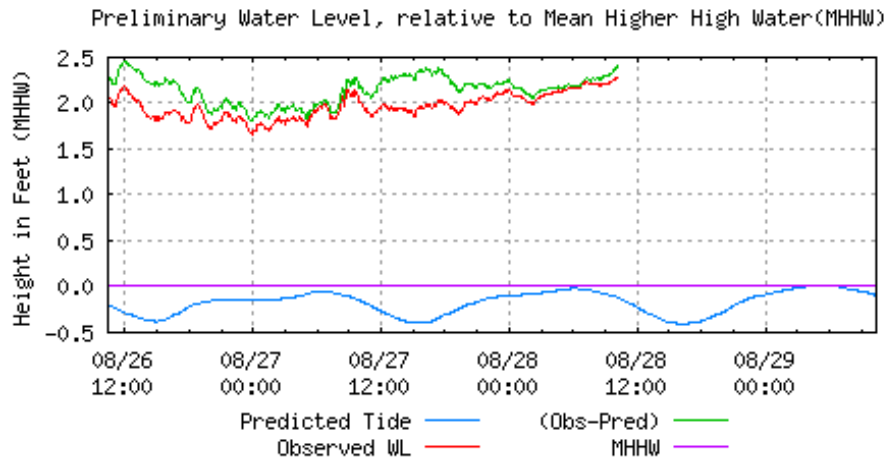
NOAA/NOS/CO-OPS 8772447 Freeport, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 23 knots Gusts: 27 knots Direction: 135° T

NOAA/NOS/CO-OPS 8772985 Sargent, TX



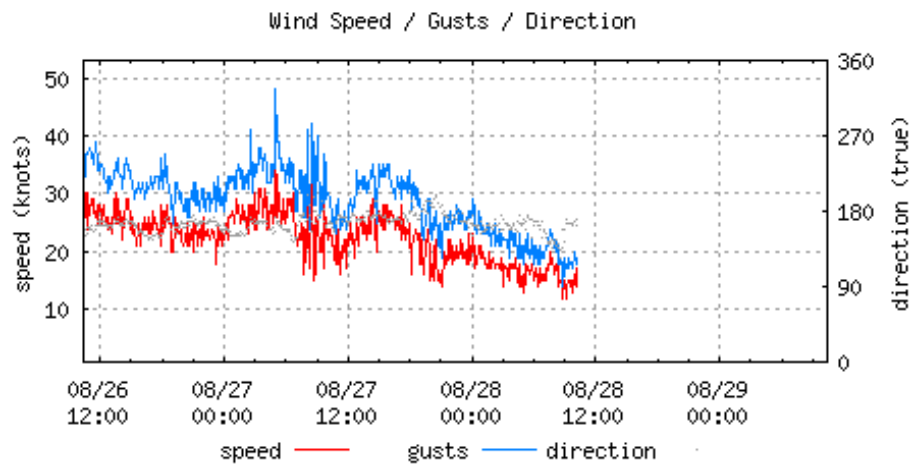
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 2.27 ft. Predicted: -0.12 ft. Residual: 2.39 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/29/2017 05:26 (CDT), 0.01 ft.

NOAA/NOS/CO-OPS 8772985 Sargent, TX

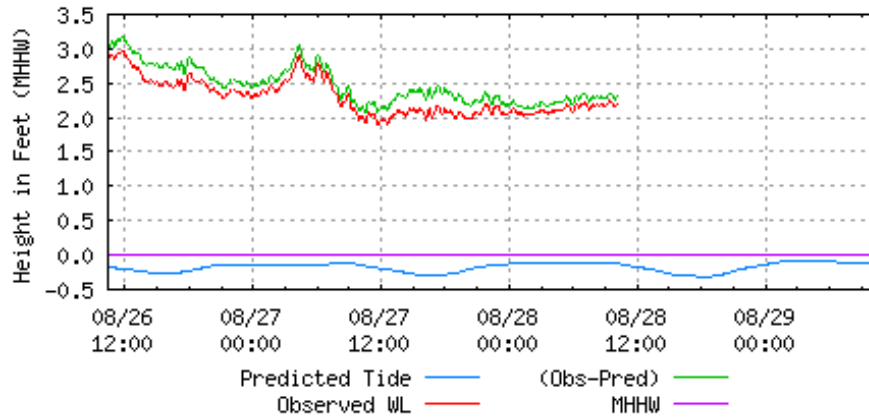


Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 17 knots Gusts: 19 knots Direction: 170° T

NOAA/NOS/CO-OPS 8773146 Matagorda City, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

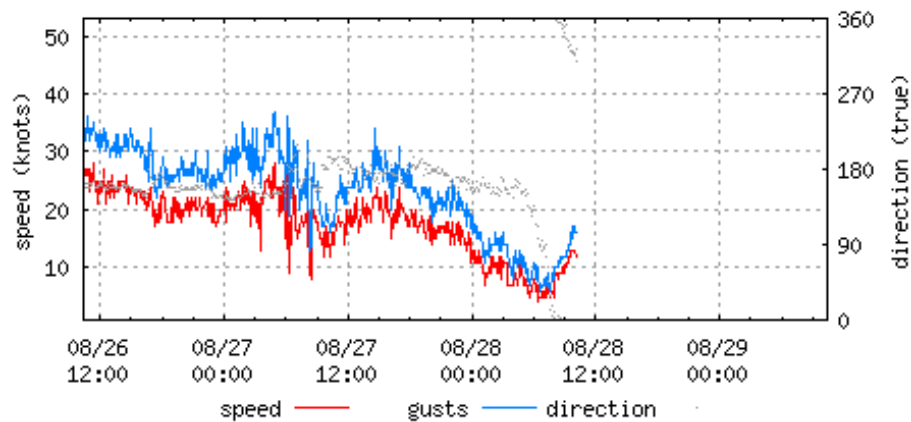
Observed: 2.20 ft. Predicted: -0.12 ft. Residual: 2.32 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/29/2017 05:11 (CDT), -0.08 ft.

NOAA/NOS/CO-OPS 8773146 Matagorda City, TX

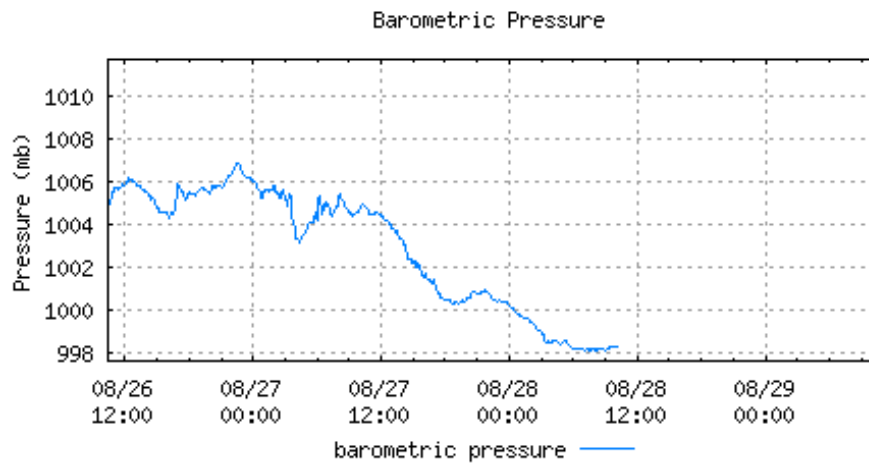
Wind Speed / Gusts / Direction



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 12 knots Gusts: 16 knots Direction: 324° T

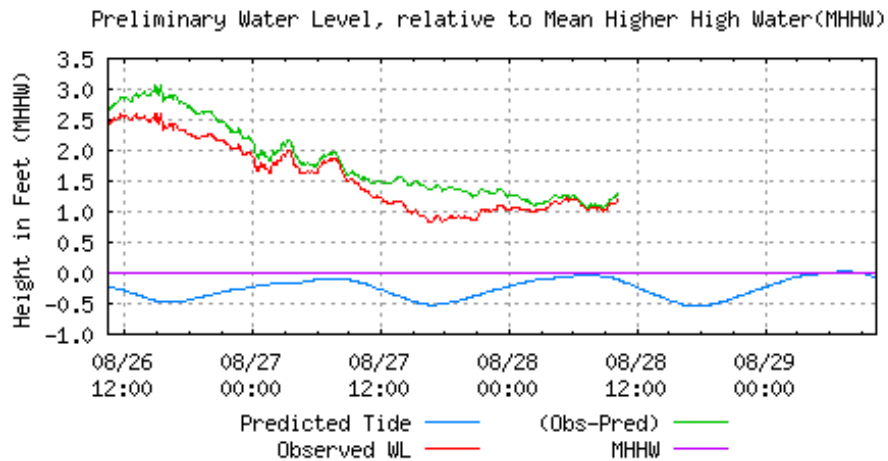
NOAA/NOS/CO-OPS 8773146 Matagorda City, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Barometric Pressure: 998.3 mb

NOAA/NOS/CO-OPS 8773701 Port O'Connor, TX



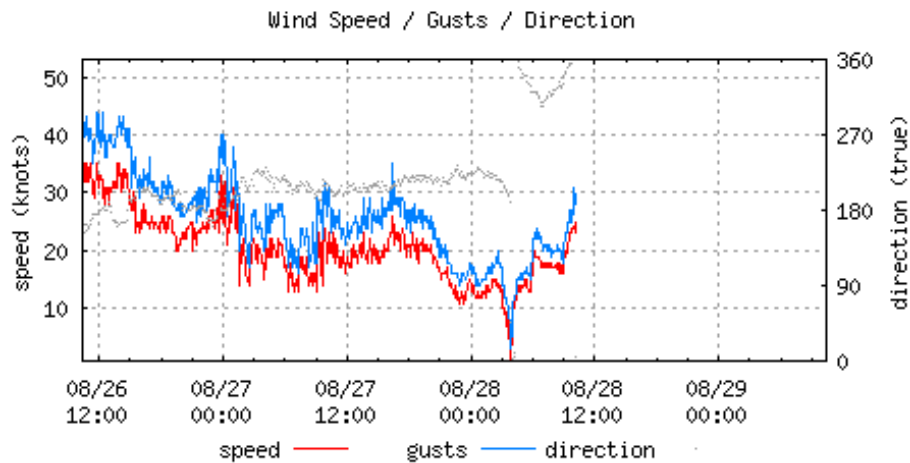
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 1.19 ft. Predicted: -0.11 ft. Residual: 1.30 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/29/2017 07:31 (CDT), 0.02 ft.

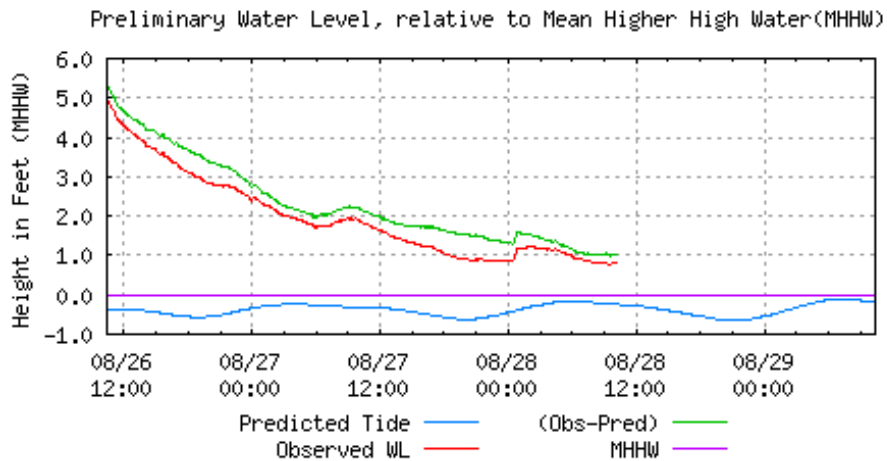
NOAA/NOS/CO-OPS 8773701 Port O'Connor, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 23 knots Gusts: 28 knots Direction: 0° T

NOAA/NOS/CO-OPS 8773259 Port Lavaca, TX



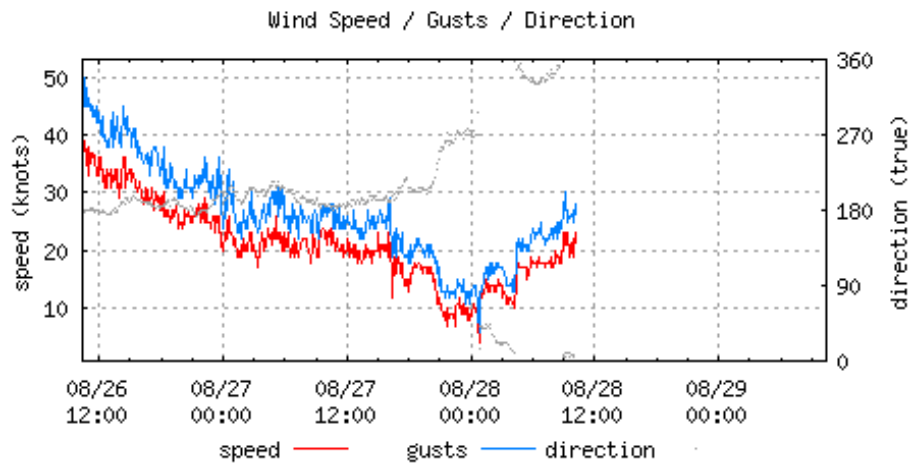
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 0.80 ft. Predicted: -0.24 ft. Residual: 1.04 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/29/2017 07:11 (CDT), -0.11 ft.

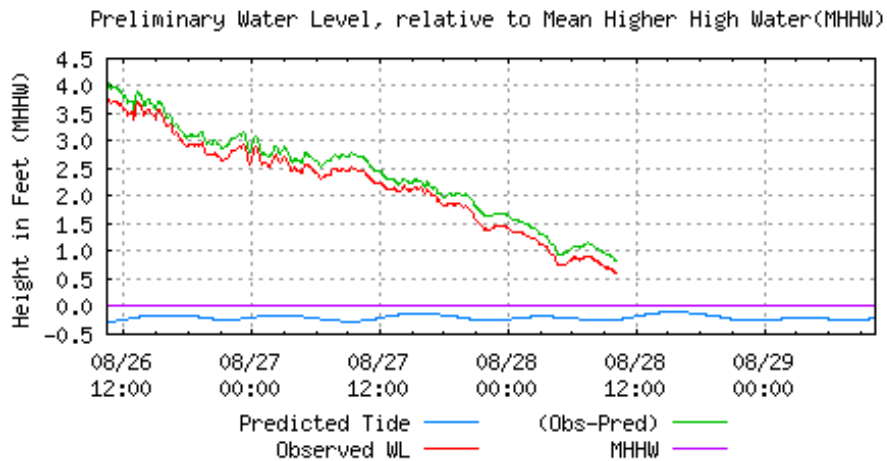
NOAA/NOS/CO-OPS 8773259 Port Lavaca, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 23 knots Gusts: 28 knots Direction: 1° T

NOAA/NOS/CO-OPS 8773037 Seadrift, TX



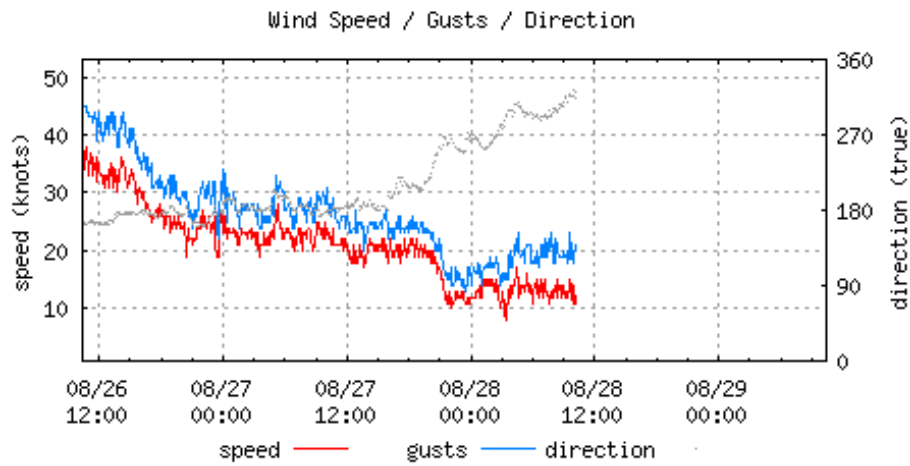
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 0.60 ft. Predicted: -0.23 ft. Residual: 0.83 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 15:30 (CDT), -0.09 ft.

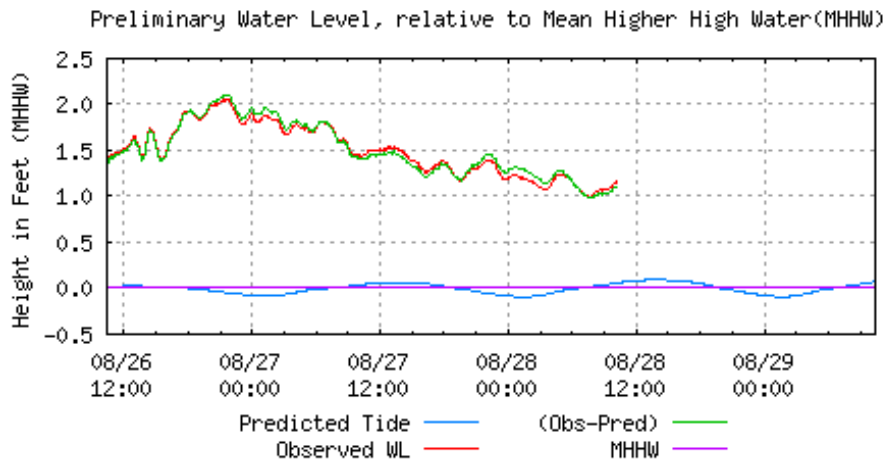
NOAA/NOS/CO-OPS 8773037 Seadrift, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 12 knots Gusts: 20 knots Direction: 313° T

NOAA/NOS/CO-OPS 8774230 Aransas Wildlife Refuge, TX



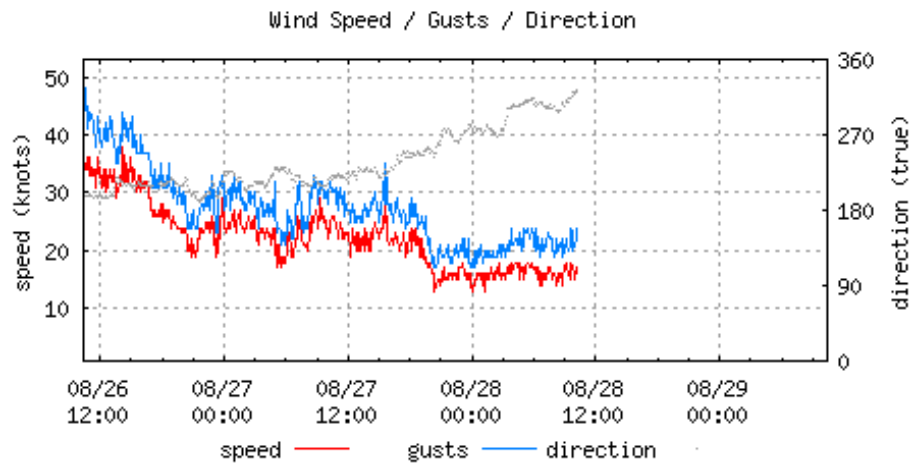
Last Observed Sample: 08/28/2017 10:12 (CDT). Data relative to MHHW

Observed: 1.16 ft. Predicted: 0.06 ft. Residual: 1.10 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 13:47 (CDT), 0.08 ft.

NOAA/NOS/CO-OPS 8774230 Aransas Wildlife Refuge, TX



Last Observed Sample: 08/28/2017 10:12 (CDT)

Wind Speed: 16 knots Gusts: 24 knots Direction: 323° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8770777	Manchester, TX	08/28/2017 10:12 (CDT)	7.62 ft	-0.58 ft	8.20 ft	9.00 ft
8770733	Lynchburg Landing, TX	08/28/2017 10:18 (CDT)	4.70 ft	-0.32 ft	5.02 ft	5.31 ft
8771013	Eagle Point, TX	08/28/2017 10:12 (CDT)	2.95 ft	-0.02 ft	2.97 ft	3.32 ft
8771341	Galveston Bay Entrance, North Jetty, TX	08/28/2017 10:12 (CDT)	1.84 ft	-0.40 ft	2.24 ft	2.29 ft
8770971	Rollover Pass, TX	08/28/2017 10:12 (CDT)	1.80 ft	-0.22 ft	2.02 ft	2.73 ft
8770520	Rainbow Bridge, TX	08/28/2017 10:18 (CDT)	2.35 ft	-0.29 ft	2.64 ft	2.70 ft
8770822	Texas Point, Sabine Pass, TX	08/28/2017 10:18 (CDT)	1.58 ft	-0.47 ft	2.05 ft	3.08 ft
8768094	Calcasieu Pass, LA	08/28/2017 10:12 (CDT)	1.52 ft	-0.36 ft	1.88 ft	2.78 ft
8771972	San Luis Pass, TX	08/28/2017 10:18 (CDT)	1.84 ft	-0.19 ft	2.03 ft	1.96 ft
8772447	Freeport, TX	08/28/2017 10:12 (CDT)	1.23 ft	-0.68 ft	1.91 ft	1.45 ft
8772985	Sargent, TX	08/28/2017 10:12 (CDT)	2.27 ft	-0.12 ft	2.39 ft	2.28 ft
8773146	Matagorda City, TX	08/28/2017 10:12 (CDT)	2.20 ft	-0.12 ft	2.32 ft	2.25 ft
8773701	Port O'Connor, TX	08/28/2017 10:12 (CDT)	1.19 ft	-0.11 ft	1.30 ft	1.38 ft
8773259	Port Lavaca, TX	08/28/2017 10:12 (CDT)	0.80 ft	-0.24 ft	1.04 ft	1.84 ft
8773037	Seadrift, TX	08/28/2017 10:12 (CDT)	0.60 ft	-0.23 ft	0.83 ft	2.47 ft
8774230	Aransas Wildlife Refuge, TX	08/28/2017 10:12 (CDT)	1.16 ft	0.06 ft	1.10 ft	1.55 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
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